

## NETWORK-BASED SUPPLY CHAIN MANAGEMENT METHOD

## ABSTRACT OF THE DISCLOSURE

An exemplary embodiment of the invention relates to a method for facilitating supply chain collaboration in a network environment, said supply chain including an enterprise and at least one supplier. The method includes generating and transmitting an unconstrained forecast to a supplier; receiving a supplier capability statement in response; and generating a constrained forecast utilizing the supplier capability statement. The constrained forecast is transmitted to the supplier which responds with a formal commitment to product a needed supply indicated in the constrained forecast.

The method also comprises monitoring inventory levels at a replenishment service center by a supplier based upon a formal commitment; refilling inventory items at the replenishment service center; and facilitating delivery of the inventory items to the enterprise site by transmitting a pull signal to the replenishment service center whereby inventory items are delivered in response to the pull signal.